Docket No. 290.00500101

DECLARATION AND POWER OF ATTORNEY

We. David A. SANDERS, Scott A. JEFFERS, and Anthony SANCHEZ, declare that: (1) our respective citizenships and residence/mailing addresses are indicated below; (2) we have reviewed and understand the contents of the specification identified below, including the claims, as amended by any amendment specifically referred to herein, (3) we believe that we are the original, first, and joint inventors of the subject matter in

IMPROVED PSEUDOTYPED RETROVIRUSES

U.S. National Stage of International Application No. PCT/US2003/17577

International Filing Date: 4 June 2003

Serial No.: 10/516,578

described and claimed therein and for which a patent is sought; and (4) we hereby acknowledge our duty to disclose to the United States Patent and Trademark Office all information known to us to be material to the patentability as defined in Title 37, Code of Federal Regulations. §1.56.

We hereby claim foreign priority benefits under Title 35. United States Code. § 119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate listed below, or §365(a) of any PCT international application which designates at least one country other than the United States of America listed below, and have also identified below any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on the basis of which priority is claimed:

- a. x no such applications have been filed.
- b. _ such applications have been filed as follows:

FOREIGN APPLICATION(S), IF ANY, CLAIMING PRIORITY UNDER 35 USC §119(a)-(d), §365(a), and/or §365(b)			
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
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ALL FOREIGN APPLICATIONS, IF ANY, FILED BEFORE THE PRIORITY APPLICATION(S)			
APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)	
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	APPLICATION	APPLICATION DATE OF FILING	

Title 37. Code of Federal Regulations, §1.56 is reproduced on the attached page.

Page 2 of 4

Declaration and Power of Attorney Serial No. 10/516,578 International Filing Date: 4 June 2003

Tule: IMPROVED PSEUDOTYPED RETROVIRUSES

We hereby claim the benefit under Title 35, United States Code \$119(c) of any United States provisional application(s) listed below.

a. _ no such applications have been filed.

b. x such applications have been filed as follows:

PROVISIONAL APPLICATION(S), IF ANY, UNDER 35 USC \$119(e)			
APPLICATION NUMBER	DATE OF FILING (day, month, year)		
60/386,064	4 June 2002		
60/458,070	27 March 2003		

We hereby claim the benefit under Title 35, United States Code, §120 of any United States applications or §365(c) of any PCT international application(s) designating the United States of America, listed below.

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b. such applications have been filed as follows:

APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)
		,

Insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37. Code of Federal Regulations, §1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

We hereby appoint those registered patent attorneys and registered patent agents associated with Customer Number. 26813 as our attorneys (with full powers of appointment, substitution, and revocation) to prosecute the application, and any division, continuation, continuation-in-part, reexamination, or reissue thereof, to make alterations and amendments therein, and to transact all business in the Patent and Trademark Office in connection therewith, and to receive any Letters Patent.

Please direct all correspondence in this case to:
Attention: Victoria A. Sandberg
Mueting, Raasch & Gebhardt, P.A.
P.O. Box 581415

Minneapolis, MN 55458-1415 Telephone No. (612) 305-

Customer Number 26813

Page 3 of 4

Declaration and Power of Altorney Serial No. 10/516,578 International Filing Date: 4 June 2003 Tule: IMPROVED PSEUDOTYPED RETROVIRUSES

The undersigned declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Wherefore, we pray that Letters Patent be granted to us for the invention described and claimed in the specification identified above and we hereby subscribe our names to the foregoing specification and claims, Declaration, and Power of Attorney on the date indicated below.

Citizenship: United States of America

Residence: 324 Jefferson Drive, West Lafayette, Indiana 47906 USA Mailing Address: 324 Jefferson Drive. West Lafayeue, Indiana 47906 USA

(If different than Residence)

SCOILA JEFFERS

Citizenship: United States of America

Residence: 1945 Indian Trail Drive, West Lafayette, Indiana 47906 USA U

Mailing Address: 1945 Indian Trail Drive, West Lafayette, Indiana 47906 USA

(If different than Residence)

Anthony-SANCHEZ

Citizenship: United States of America

Residence: 1717 Red Fox Run, Lilbum Georgia, 30047 USA

Mailing Address: 1717 Red Fox Runckilburn Georgia, 30047 USA

(If different than Residence)

Movember 1, 2005

Date

Date

PAGE 7/16 * RCVD AT 11/16/2005 11:01:32 AM [Eastern Standard Time] * SVR:USPTO-EFXRF-6/25 * DNIS:2738300 * CSID:6123051228 * DURATION (mm-ss):04-00

Page 4 of 4

Declaration and Power of Attorney Serial No. 10/516,578 International Filing Date: 4 June 2003 Tule: IMPROVED PSEUDOTYPED RETROVIRUSES

- § 1.56 Duty to disclose information material to patentability.
- A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deened to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by \$\$1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intendonal misconduct. The Office encourages applicants to carefully examine:
 - Prior art cited in search reports of a foreign patent office in a counterpart application, and (1)
 - The closest information over which individuals associated with the filling or prosecution of a patent (2)application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - It establishes, by itself or in combination with other information, a prima facic case of unpatentability (1)of a claim; or
 - It refutes, or is inconsistent with, a position the applicant takes in: (2)
 - Opposing an argument of unpatentability relied on by the Office, or (i)
 - Asserting an argument of patentability-(ii)

A prima facic case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of avidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- Individuals associated with the filing or prosecution of a patent application within the meaning of this (c) Section are:
 - Each inventor named in the application; (1)
 - Each attorney or agent who prepares or prosecutes the application; and (2)
 - Every other person who is substantively involved in the preparation or prosecution of the application (3) and who is associated with the inventor, with the assignce or with anyone to whom there is an obligation to assign the application.
- Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
 - In any continuation-in-part application, the duty under this section includes the duty to disclose to the

Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

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Docket No: 290.00500101

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We, David A. SANDERS, Scott A. IEFFERS, and Anthony SANCHEZ, declare that: (1) our respective citizenships and residence/mailing addresses are indicated below; (2) we have reviewed and understand the contents of the specification identified below, including the claims, as amended by any amendment specifically referred to herein, (3) we believe that we are the original, first, and joint inventors of the subject matter in

IMPROVED PSEUDOTYPED RETROVIRUSES

U.S. National Stage of International Application No. PCT/US2003/17577

International Filing Date: 4 June 2003

Serial No : 10/516.578

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We hereby claim foreign priority benefits under Title 35. United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate listed below, or §365(a) of any PCT international application which designates at least one country other than the United States of America listed below, and have also identified below any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on the basis of which priority is claimed:

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Title 37. Code of Federal Regulations, \$1.56 is reproduced on the attocked page.

Declaration and Power of Attorney Serial No. 10/516,578 International Filing Date: 4 June 2003 Title: IMPROVED PSEUDOTYPED RETROVIRUSES Page 2 of 4

We hereby claim the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

- a. _ no such applications have been filed.
- b. x such applications have been filed as follows:

PROVISIONAL APPLICATION(S), IF ANY, UNDER 35 USC §119(e)		
APPLICATION NUMBER	DATE OF FILING (day, month, year)	
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We hereby appoint those registered patent attorneys and registered patent agents associated with Customer Number 26813 as our attorneys (with full powers of appointment, substitution, and revocation) to prosecute the application, and any division, continuation, continuation-in-part, reexamination, or reissue thereof, to make alterations and amendments therein, and to transact all business in the Patent and Trademark Office in connection therewith, and to receive any Letters Patent.

Pluase direct all correspondence in this case to:

Attention: Victoria A. Sandberg Mueting, Raasch & Gebhardt, P.A. P.O. Box 581415 Minneapolis, MN 55458-1415 Telephone No. (612) 305-Customer Number 26813 Declaration and Power of Allorney Serial No. 10/516,578 International Filing Date: 4 June 2003 Title: IMPROVED PSEUDOTYPED RETROVIRUSES Page 3 of 4

The undersigned declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Wherefore, we pray that Letters Patent be granted to us for the invention described and claimed in the specification identified above and we hareby subscribe our names to the foregoing specification and claims. Declaration, and Power of Anorney on the date indicated below

Date

Date

David A. SANDERS

Citizenship: United States of America

Residence: 324 Jefferson Drive, West Lafayette, Indiana 47906 USA Mailing Address: 324 infferson Drive, West Lafayette, Indiana 47906 USA

(Il different than Besidence)

Citizenship: United States of America

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Mailing Address: 1945 Intian Irail Drive, West Lafayette, Indiana 17006 USA

(If different than Residence) 1672 S. Dauson St., Asrara, Co Bour USA

Anthony SANCHEZ

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Residence: 1717 Red Fox Run. Lilburn Georgia, 30047 USA Mailing Address: 1717 Red Fox Run, Lilburn Georgia, 30047 USA

(If different than Residence)

Page 4 of 4

Declaration and Power of Autorney
Serial No. 10/516,578
International Filing Date: 4 June 2003
Title: IMPROVED PSEUDOTYPED RETROVIRUSES

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is offected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office encourages applicants to carefully examine:
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 - (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facic case of unpatentability of a claim: or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
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- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.
 - (e) In any continuation-in-part application, the duty under this section includes the duty to disclose to the

Office all information known to the person to be material to patentability, as defined in paragraph (b) of this section, which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Nov-08-08 12:14pm From-TECHNOLOGY TRANSFER

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T-908 P.02/05 F-347

Docket No. 290.00500101

DECLARATION AND POWER OF ATTORNEY

We, David A. SANDERS, Scott A, JEFFERS, and Anthony SANCHEZ, declare that: (1) our respective citizenships and residence/mailing addresses are indicated below; (2) we have reviewed and understand the contents of the specification identified below, including the claims, as amended by any amendment specifically referred to herein, (3) we believe that we are the original, first, and joint inventors of the subject matter in

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U.S. National Stage of International Application No. PCT/US2003/17577

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A. X no such applications have been filed.

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b. _ such applications have been filed as follows:

	35 USC \$119(a)-(d)	ANY, CLAIMING PRIORI <u>, §365(a), and/or</u> §365(b)	THE CHOCK
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, mouth, year)	DATE OF ISSUE (day, month, year)
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Nov-08-05 12:14pm From-TECHNOLOGY TRANSFER

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T-908 P.03/05 F-347

Page 2 of 4

Declaration and Power of Attorney Serial No. 10/516,578 International Filing Date: 4 June 2003

Title: IMPROVED PSEUDOTYPED RETROVIRUSES

We hereby claim the benefit under Title 35, United States Code § 1]9(e) of any United States provisional application(s) listed below.

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Nov-08-05 12:14pm From-TECHNOLOGY TRANSFER +7704888815

T-908 P.04/05 F-347

Declaration and Power of Attorney Serial No. 10516,578 International Filing Date: 4 June 2003 Title: IMPROVED PSEUDOTYPED RETROVIRUSES Page 3 of 4

The undersigned declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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David A. SANDERS

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Residence: 324 Jefferson Drive, West Lefayette, Indiana 47906 USA Mailing Address: 324 Jefferson Driva, West Lafayotte, Indiana 47906 USA

(If different than Residence)

Scou A. JEFFERS

Citizenship: United States of America

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Anthony SANCHIEZ Chizenship: United States of America

Residence: 1717 Red Fox Run, Lilbum Gargia, 30047 USA Mailing Address: 1717 Red Fox Run, Lilburn Georgia, 30047 USA

(If different than Residence)

Date

Date

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T-908 P.05/05 F-347

Page 4 of 4

Declaration and Power of Attorney Serial No. 10/516,578 International Filing Date: 4 June 2003 Tule: IMPROVED PSEUDOTYPED RETROVIRUSES

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